

VI.5.3D-YRWEIGHT PROGRAM FCST HCL TECHNIQUE YRWEIGHT

Purpose

Technique YRWEIGHT sets whether historical years are to be weighted differently in the analysis by Function ESP.

Valid values are NO (0) and YES (1).

The Global default value is NO (0).

This Technique is Universal.

This Technique has a maximum of 50 Arguments which are the weights to be assigned to the historical years.

The Global default value for each Argument is 1.0.

Valid values are real values greater than or equal to zero. The program adjusts the weights so that they sum to 1.0.

Form of Input

YRWEIGHT(integer) real1 real2 ... real50

where integer is 0 or 1, specifying whether historical years are to be weighted differently in the analysis real1 is the weight to be assigned to the first year (WEIGHT1)
real2 is the weight to be assigned to the second year (WEIGHT2)
...
real50 is the weight to be assigned to the fiftieth year (WEIGHT50)

Example

YRWEIGHT WEIGHT5=0.0

The fifth historical year will be given a weight of 0.0 in the analysis (essentially removed from the analysis).

YRWEIGHT 0.5 1.0 2.0

The first year will be given a weight of 0.5, the second year a weight of 1.0 and the third year a weight of 2.0.

The weights will be adjusted to .14, .29 and .57 (assuming there were only 3 years in the analysis). If either Techniques HISTSIM or the ADJSIM are ON then the first historical year is ignored. In this case WEIGHT1 is actually assigned to the second year.